

## THERMISTOR SORTER

*The throughput of this machine is over 9,000 parts per hour. This sorter is tooled to handle all Thermistor chip types and sizes.*

*Ship parts directly from bin cups, no cleaning needed!*



*Thermistor devices with unique requirements ..... We are the kind of flexible vendor that you might like to talk to.*

**EA**

Electrosort Automation  
*'Testing the Limits'*

Primary Business Address:  
1350 Balata St.  
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## **Electrosort** Thermistor Sorting System

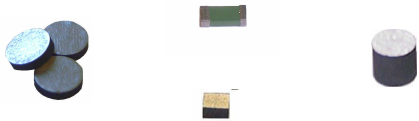


**Test and Sort Thermistors quickly and accurately without the messy, time consuming cleanup of oil bath testing.**

**EA**

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## Thermistor Tester/Sorter can handle all Thermistor chip types and sizes.

This includes **1206, 0805, 0603 & 0402** Surface Mount packages.

**Throughput** of this sorter is around 9,000 per/hour. Chips are sorted into thirteen bins; twelve are tester directed and one is an overflow bin.

**Temperature Control** is designed for testing and sorting Thermistors at a very stable 25 ° C. Temperature specification inside the testing and handling area for this machine is  $\pm .03^{\circ}$  C . Accuracy is accomplished by electronically controlling the air temperature and track temperature.

**New! Our Sorters are now equipped with acoustic bin sensing that monitors the bin solenoids and stops the machine before a bin sorting error happens!**

## Thermistor Sorter Testing Details

- Testing is performed using a HP/Agilent 3458A <sup>TM</sup> 8 ½ Digit Digital Multimeter.
- Tester is integrated with PC and Handler.
- PC manages measurements, temperature and data calculation.
- Results are compared to a reference Thermistor you provided from your oil baths.
- Programmable Offsets enable fine tuning to meet your unique sorting requirements.
- Setup/Test programs can be saved to hard drive for easy retrieval.
- Measurement definition: 0.2% error.
- Enhanced Quality and resolution with Kelvin probing (4 terminal measurement) option.



Complete Thermistor Sorting System

## Thermistor Sorter Specifications

- 9,000 parts per hour
- Footprint 6' X32"
- Temperature Tolerance  $\pm .03^{\circ}$  C
- Facility requirements 120/240 Volts AC 60/50 HZ, 25" Hg vacuum or 85 PSI air for Venturi Vacuum Pump Option



## Sort your Thermistors into 13 bins.

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